

EFFICACY REVIEW

DATE: IN 12-23-92 OUT 5-18-93

FILE OR REG. NO. 432-TTE

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED December 7, 1992

DATE OF SUBMISSION November 24, 1992

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TYPE PRODUCT(S): (I,)D, H, F, N, R, S _____

DATA ACCESSION NO(S). 424925-01 & 424522-10;D185984;S432369;Case #
004350;AC:115

PRODUCT MGR. NO. 13-LaRocca/Moats

PRODUCT NAME(S) K-Othrine® Dust Insecticide

COMPANY NAME Roussel Uclaf Corporation

SUBMISSION PURPOSE Provide performance data in support of claims
for flea & tick control on pets and control of
exisisting termite infestations in structures.

CHEMICAL & FORMULATION Deltamethrin [(s)- α -cyano-3-phenoxybenzyl-
(1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate]
0.05%
(55.5-105.4 #/ft³ bulk density, ready-to-use)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession
(MRID) Number 424925-01, having been obtained from simulated field
testing conducted according to § 95-9(a)(1)-(3) on p. 263 and §
95-30(b)(11)1.-10. on pp. 280-4 as pertaining to factors which are
common to both dog collar testing and application of whole-body
dusts, and meeting the standard of § 95-9(b)(2)(i) on p. 264 and
§ 95-30(b)(11)10.4 on p. 284 of the Product Performance Guidelines,
are adequate to support the claims for control of fleas and ticks
on dogs and cats when the subject product is applied according to
label directions to give thorough coverage. The data presented in
MRID No. 424522-10, having been obtained from laboratory and field
testing conducted according to the requirements of § 95-12(a)(1),
(4) and (5)(i) on pp. 271-2 and § 95-12(b)(1)(iii) on p. 273 of the
Guidelines, are adequate to support claims for localized control
only of Formosan termite, *Coptotermes formosanus*, as well as other
subterranean termites in existing infestations of damaged wooden
members of structures, provided inspections are performed at 6 and
12 months following treatment to ensure that colonies have been
killed. This application rate is nearly identical to that for K-
Othrine® SC 5.0 we reviewed on June 11, 1992 (EPA Symbol 432-TAG).

RL Vern L. McFarland, IRB